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IN THE UNITED STATES PATENT AND TRADEMARKS OFFICE

APPLICANT: ROBERT FERNANDEZ

SERIAL NUMBER : 09/993261

FILED: 11/14/01

GROUP ART UNIT: 3744

DOCKET NUMBER: F100128

EXAMINER: JIANG, CHEN WEN

FOR: VEHICLE AIR CONDITIONER WITH INVERTER

Commissioner of Patents and Trademarks

Washington, DC20231

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FEB 14 2003

AMENDMENT AFTER FINAL

TECHNOLOGY CENTER R3700

SIR,

In response to the office action of 1/14/03, please amend the application as follows:

REMARKS

In the office action, both of the claims were rejected under 35USC 103(a) as being obvious over US patent # 4870833 issued 10/3/89 to Matsuda et al.

It is respectfully submitted that the application is improperly rejected for want of a prima facie showing of obviousness.

1. The scope and contents of the prior art:

Close review of applicant's specification reveals that improved performance from his claimed arrangement comes from the fact that AC blower motors are much lower in initial cost. They don't incur high maintenance costs associated with brush replacement characteristic of DC motors (specification page 1, lines13,18). Applicant has found that brush replacement problems in vehicles such as buses are complicated by the fact that the drivers work in shifts on available buses, accepting little maintenance responsibility. Consequently, maintenance is delayed with failure and costly out of service time. The AC motors have lower initial cost and low maintenance with no brushes. Furthermore, controlling motor speed by frequency control of AC motors is very efficient, compared to speed control of DC motors. However, the combination taught by Matsuda would be